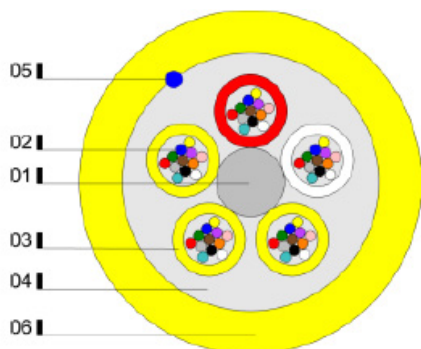


Fibre Optic Cabling

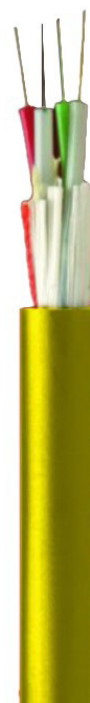
Connectix Internal/External Multitube Optical Fibre Cable Singlemode LSZH EuroClass Cca-s1a-d1-a1

This cable is suitable for indoor or outdoor use and fully complies with Construction Product Regulations and British Standards (BS6701:2016:A1+2017) with a EuroClass rating of Cca-s1-d1-a1. This cable can be used internally within LANs and data centres and is available in singlemode G.652.D, G.657.A1 or G.657.A2 options.



Cable Description

- 01. Central Element (GRP)
- 02. Fibre Optics
- 03. Flexible loose Tube (Dry Tubes)
- 04. Fibreglass Reinforcements - WB
- 05. Ripcord
- 06. Outer Jacket



Fire Performance

Flame Retardant (IEC 60332-1)
 Halogen Free (IEC 60754-1/-2)
 Low Smoke Emission (IEC 61034-2)

Applications

Indoor
 Data Centres

Rodent Protection

Rodent Protected

CPR Classification

Reaction to Fire: Cca, s1a, d1, a1
 Declaration Code: DOP01056

Advantages

Compact / Flexible / Small diameter / Small bending radius / Tough / Resistant /
 Totally dielectric / Gel free

Ordering Information - Inside Building Distribution Cables - BS6701:A1 compliant - G.657.A1

Product Description	Part Number
Singlemode Indoor/Outdoor Multi Dry Loose Tube 12F SM G.657.A1 (1x12) LSZH EuroClass Cca-s1a-d1-a1	002-005-151-12
Singlemode Indoor/Outdoor Multi Dry Loose Tube 24F SM G.657.A1 (2x12) LSZH EuroClass Cca-s1a-d1-a1	002-005-151-24
Singlemode Indoor/Outdoor Multi Dry Loose Tube 36F SM G.657.A1 (3x12) LSZH EuroClass Cca-s1a-d1-a1	002-005-151-36
Singlemode Indoor/Outdoor Multi Dry Loose Tube 48F SM G.657.A1 (4x12) LSZH EuroClass Cca-s1a-d1-a1	002-005-151-48
Singlemode Indoor/Outdoor Multi Dry Loose Tube 72F SM G.657.A1 (6x12) LSZH EuroClass Cca-s1a-d1-a1	002-005-151-72
Singlemode Indoor/Outdoor Multi Dry Loose Tube 96F SM G.657.A1 (8x12) LSZH EuroClass Cca-s1a-d1-a1	002-005-151-96
Singlemode Indoor/Outdoor Multi Dry Loose Tube 144F SM G.657.A1 (12x12) LSZH EuroClass Cca-s1a-d1-a1	002-005-151-144

Fibre Optic Cabling

Connectix Internal/External Multitube Optical Fibre Cable Singlemode LSZH EuroClass Cca-s1a-d1-a1

Ordering Information - Inside Building Distribution Cables - BS6701:A1 compliant - G.657.A2

Product Description	Part Number
Singlemode Indoor/Outdoor Multi Dry Loose Tube 12F SM G.657.A2 (1x12) LSZH EuroClass Cca-s1a-d1-a1	002-005-152-12
Singlemode Indoor/Outdoor Multi Dry Loose Tube 24F SM G.657.A2 (2x12) LSZH EuroClass Cca-s1a-d1-a1	002-005-152-24
Singlemode Indoor/Outdoor Multi Dry Loose Tube 36F SM G.657.A2 (3x12) LSZH EuroClass Cca-s1a-d1-a1	002-005-152-36
Singlemode Indoor/Outdoor Multi Dry Loose Tube 48F SM G.657.A2 (4x12) LSZH EuroClass Cca-s1a-d1-a1	002-005-152-48
Singlemode Indoor/Outdoor Multi Dry Loose Tube 72F SM G.657.A2 (6x12) LSZH EuroClass Cca-s1a-d1-a1	002-005-152-72
Singlemode Indoor/Outdoor Multi Dry Loose Tube 96F SM G.657.A2 (8x12) LSZH EuroClass Cca-s1a-d1-a1	002-005-152-96
Singlemode Indoor/Outdoor Multi Dry Loose Tube 144F SM G.657.A2 (12x12) LSZH EuroClass Cca-s1a-d1-a1	002-005-152-144

SPECIFICATIONS

Fibre Count	12	24	36	48	60	72	96	144
Fibre Per Tube	12	12	12	12	12	12	12	12
Total Tubes	5	5	5	5	5	6	8	12
Active Tubes	1	2	3	4		6	8	12
Nom. Tube Ø (mm)	1.6 ^{+/-0.015}							
Strength Members	Reinforced Fibreglass Yarns WB (Waterblocking)							
Outer Jacket	LSZH-Xtreme ¹							
Colour	ORG (RAL2003) MM62 / BLU(RAL5015) MM50-OM2 / AQU RAL6027) OM3 / VIO (RAL4003) OM4 / LIME GREEN OM5 / YLW (RAL1021) OS-1/2							
Weight (Kg/Km)	72	72	73	73	74	82	109	167
Outer Ø (mm)	8.1 ^{+/-0.5}					8.5	9.5	12.3
Max. Tensile Load (N)	1800 (Operation)/3000 (Installation - (IEC 60794-1-21 E1)							
Max Crush (N/10cm)	1000 (IEC 60794-1-21 E3)							
Max Impact	3 impacts, 2J, r = 300mm (IEC 60794-1-21 E4)							
Temperature Range	20°C to +70°C (Operation) / -10°C to +50°C (Installation) - (IEC 60794-1-22 F1)							

Standards

Mechanical and Environmental tests according to IEC 60794-1-21 and IEC 60794-1-22.

Fibres colour code: Red - Green - Blue - Yellow - Grey - Violet - Brown - Orange - White - Pink - Black - Turquoise. Tubes colour code: Red - Green - Natural - ... - Natural. Passive tubes colour Black.

¹ LSZH-Xtreme: Halogen free, low smoke and flame retardant thermoplastic compound with special properties against fire.